REMOVAL PROGRAM
CHRONOLOGICAL SUMMARY REPORT
FOR THE
2 CANAL STREET SITE
LISBON FALLS, MAINE
17 SEPTEMBER 2003

Prepared For:

U.S. Environmental Protection Agency
Region I
Emergency Planning and Response Branch
1 Congress Street, Suite 1100
Boston, MA 02114-2023

CONTRACT NO. 68-W-00-097

TDD NO. 03-08-0017

TASK NO. 6382

DC NO. R-2450

Submitted By:

Weston Solutions, Inc.
Region I
Superfund Technical Assessment and Response Team 2000 (START)
37 Upton Drive
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December 2003

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I. Narrative Chronology

Narrative Chronology

Introduction

The 2 Canal Street Site (the site) consists of two parcels located at 2 Canal Street, Lisbon Falls, Androscoggin County, Maine. Geographic coordinates of the site are latitude 43° 59′ 43″ north, and longitude 70° 03′ 36″ west, as measured from the approximate center of the site [see Appendix A - Site Location Map (Figure 1)]. The parcels are identified as Lot Nos. 11 and 12 on Lisbon Town Map U-5. The site is bordered to the north by Lisbon Street and an inactive railroad spur; to the east by open land and industrial properties; to the south by Canal Street; and to the west by Canal Street and the Worumbo Mill [see Appendix B - Sample Location Diagram (Figure 2)].

Site History

Buildings located at the site provided raw water treatment, and storage for the former textile mill owned by Miller Industries, Inc. (Miller), which is located along the opposite side of the street. There are five separate buildings located on Lot No. 11. Two of these buildings were associated with water filtration processes; two of the buildings are barns that were used for storage by Miller; and the remaining building housed offices and light sewing operations. Lot No. 12 is an undeveloped parcel, and was never used by Miller for manufacturing processes. Some of the on-site buildings have poor structural integrity in some areas. All drums and containers of hazardous materials that were previously stored on site have been removed from the site buildings.

During the process of evaluating hazardous waste generator closure at this and other sites owned by Miller, the Maine Department of Environmental Protection (ME DEP) identified issues that must be addressed before clean closure could be certified. Miller subsequently retained the services of environmental consultant Sevee & Maher Engineering, Inc. (SMEI). SMEI began waste identification, and prepared sampling and analysis plans for the site. Samples of sludge collected from the clarifier tank by SMEI indicated elevated levels of mercury. The water treatment building contains small piles of a white powder material on the floor, and residues within the treated water storage tank (which is a large tank, approximately 20 feet deep). Future plans for the site by Miller include obtaining compliant hazardous waste generator closure.

Site Activities

On 27 August 2003, Weston Solutions, Inc., Superfund Technical Assessment and Response Team (START) members Mandy Butterworth, Paul Callahan, and Bill Mahany; and U.S. Environmental Protection Agency (EPA) On-Scene Coordinators (OSCs) Wing Chau and Catherine Young mobilized to the site and met ME DEP representative Andy Slusarski and SMEI representative Guy Cote for the purpose of conducting a site reconnaissance. START personnel established a support zone, and calibrated the air monitoring instruments, which included a photoionization detector (PID), a flame ionization detector (FID), a combustible gas indicator/oxygen meter (CGI/O_2), and a radiation meter (MicroR). Ambient conditions were documented in the site health and safety plan (HASP) as follows: PID = 0.0 units; FID = 0.0 units; oxygen (O_2) = 21%; lower explosive limit (LEL) = 0%; and MicroR = 12 microroentgens per hour (μR/hr). The HASP was prepared as a separate document, entitled *Removal Program Site Health and Safety Plan for the 2 Canal Street Preliminary Assessment/Site Investigation, Lisbon Falls, Maine*.

A walk-through of the site was conducted by all site personnel. Areas along the perimeter of the on-site buildings on Lot No. 11 were observed to be either vegetated or open gravel. The topography of Lot No. 11 sloped from the northern portion of the property toward Canal Street, and an inactive railroad spur abutted the northeastern perimeter of the parcel. The western concrete building housed a 125-foot (ft) long by 40-ft wide, and 16-ft deep water holding tank. Dried material in the bottom of the tank was visible from a metal catwalk spanning the length of the tank. One cleaned-out clarifier tank, two open vats, and a few small piles of white powder were observed in the remainder of the building. SMEI representative Cote stated that elevated levels of mercury were detected in the clarifier tank sludge. The eastern concrete building contained four 7,500-gallon (allegedly empty) water holding tanks. The second floor of the eastern concrete building was used for storage by Miller.

The eastern barn was a three-story wooden structure with a crawlspace. The structural integrity of the building was poor with many visible holes in the floors. The first floor was filled with debris, and the second and third floors were used for storage by Miller. The western barn was a two-story wooden structure with overall poor structural integrity. The first floor contained debris and the second floor contained raw materials stored by Miller. The concrete office building was two-stories and housed offices, light sewing operations, and storage space. It appeared that all drums and containers of hazardous waste had been removed from the on-site buildings.

Lot No. 12 of the site was an undeveloped parcel located east of the Worumbo Mill Site, that was used by the community as a fishing area. The parcel was partially vegetated with rocky terrain. Miller conducted no manufacturing processes on Lot No. 12.

Sampling Activities

On 17 September 2003, OSC Chau and START members Butterworth, John Burton, Kyle Brennan, and Abbey Spargo mobilized to the site to conduct sampling activities. EPA and START personnel were met on site by SMEI representative Matt Muzzy. OSC Chau and START member Butterworth conducted a walk-through of the site and selected 10 soil sampling stations, labeled SS-01 through SS-10, and one product sample location, labeled PR-01, to be collected from the unknown material in the bottom of the pit. It was observed at the time of sampling that the tanks, vats, and the white powder located in the western concrete building had been removed by SMEI contractors. Floor sweepings had been containerized and sampled, and were awaiting disposal. Soil sample locations were marked with pin flags, which were removed from the property at the conclusion of sampling activities. Soil samples were collected from Lot No. 11 only.

START personnel donned appropriate personal protective equipment (PPE), as detailed in the site HASP, and began collecting soil samples. Grab soil samples were collected using stainless steel scoops, for semivolatile organic compound (SVOC), pesticide/polychlorinated biphenyl (pest/PCB), and Target Analyte List (TAL) metals analyses. Grab soil samples for volatile organic compound (VOC) analysis were collected using disposable polyethylene syringes. The product sample was collected using a stainless steel scoop attached to a long pole. Non-dedicated sampling equipment was decontaminated between sample stations. All sampling activities were conducted in accordance with the site sampling quality assurance/quality control (QA/QC) plan, which has been prepared as a separate document, entitled *Removal Program Sampling Quality Assurance/Quality Control Plan*

for the 2 Canal Street Preliminary Assessment/Site Investigation, Lisbon Falls, Maine. Descriptions of samples collected are presented in Table 1.

TABLE 1
Sample Descriptions

Station No. and EPA Sample No.	Sample Type and Matrix	Grab or Composite	Sample Depth (Inches)	Geographic Coordinates	Comments
SS-01 D11625	Soil	Grab	0 - 3	43° 59' 43.25" N 70° 03' 37.91" W	
SS-02 D11626	Soil	Grab	0 - 3	43° 59' 42.89" N 70° 03' 37.06" W	
SS-03 D11627	Soil	Grab	0 - 3	43° 59' 41.92" N 70° 03' 35.89" W	
SS-04 D11628	Soil	Grab	0 - 3	43° 59' 40.67" N 70° 03' 34.16" W	
SS-05 D11629	Soil	Grab	0 - 3	43° 59' 43.86" N 70° 03' 37.54" W	MS/MSD/Dup
SS-06 D11630	Soil	Grab	0 - 3	43° 59' 43.65" N 70° 03' 36.91" W	
SS-07 D11631	Soil	Grab	0 - 3	43° 59' 43.32" N 70° 03' 36.43" W	
SS-08 D11632	Soil	Grab	0 - 3	43° 59' 44.51" N 70° 03' 38.80" W	
SS-09 D11633	Soil	Grab	0 - 3	43° 59' 44.02" N 70° 03' 38.27" W	
SS-10 D11634	Soil	Grab	0 - 3	43° 59' 44.65" N 70° 03' 38.81" W	
PR-01 D11635	Waste	Grab	Surface of pit 0 - 1	Unable to GPS, inside of building.	Sample collected from pit inside building.

MS/MSD/Dup - matrix spike/matrix spike duplicate/duplicate.
GPS - global positioning system.
N - north latitude.
W - west longitude.

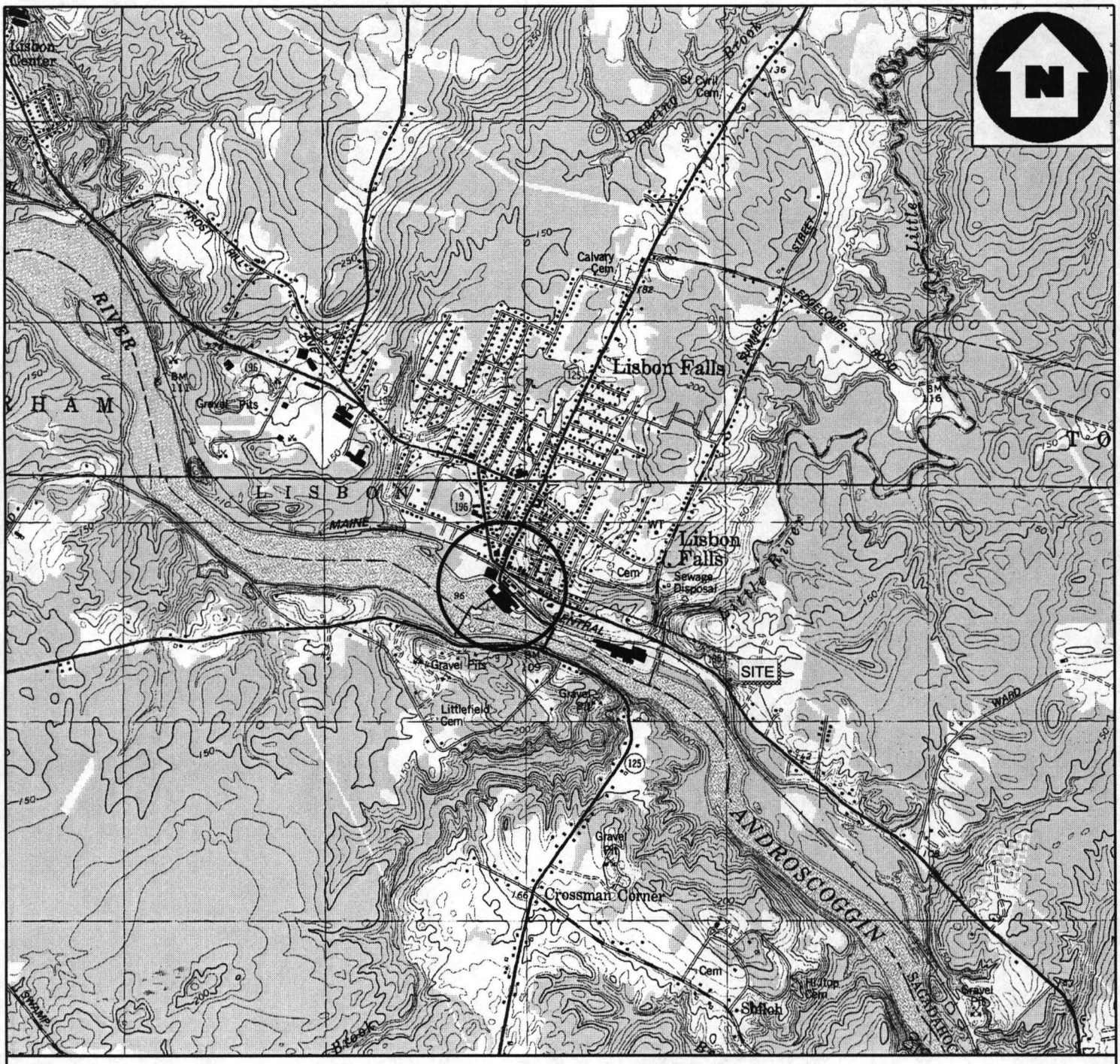
Upon completion of sampling activities, the geographic coordinates of each sample location were recorded using a Trimble Pathfinder Global Positioning System (GPS) unit, and sample locations/site conditions were photodocumented (see Appendix C - Photodocumentation Log). START personnel labeled and packaged the samples, and placed the sample containers into a cooler with ice.

On 18 September 2003, chain-of-custody paperwork was completed, and the samples were shipped via Fed Ex to their respective laboratories (see Appendix D - Chain-of-Custody Record). Samples to be analyzed for organic parameters were sent to Laucks Testing Laboratories, Inc., located in Seattle, Washington, and samples to be analyzed for inorganic parameters were sent to Sentinel, Inc., located in Huntsville, Alabama (see Appendix E - Analytical Data).

II. Appendices

Appendix A

Site Location Map (Figure 1)



BASE MAP IS A PORTION OF THE FOLLOWING 7.5' SERIES U.S.G.S. QUADRANGLE(S):
LISBON FALLS NORTH AND LISBON FALLS SOUTH, 1994.

1 0 1 Miles

1 0 1 2 3 Kilometers

QUADRANGLE LOCATION

SITE LOCATION MAP

2 CANAL STREET SITE
2 CANAL STREET
LISBON FALLS, MAINE

WESTON SOLUTIONS
Restoring Resource Efficiency

REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD #	DRAWN BY:	DATE:
03-08-0017	E. ACKERMAN	01/02/2004
FILE NAME: E:\ARC_APRS\START2\2CANALSTREET.APR		FIGURE 1

Appendix B

Sample Location Diagram (Figure 2)

SAMPLE LOCATION DIAGRAM

2 CANAL STREET
2 CANAL STREET
LISBON FALLS, MAINE

WESTON SOLUTIONS
Restoring Resource Efficiency

REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD NUMBER:	CREATED BY:	CREATED ON:
03-08-0017	D. MUZRALL	11/18/2003

FILE LOCATION:	
E:\ARC_APRS\START2\MILLERMAINESITES.APR	FIGURE 2

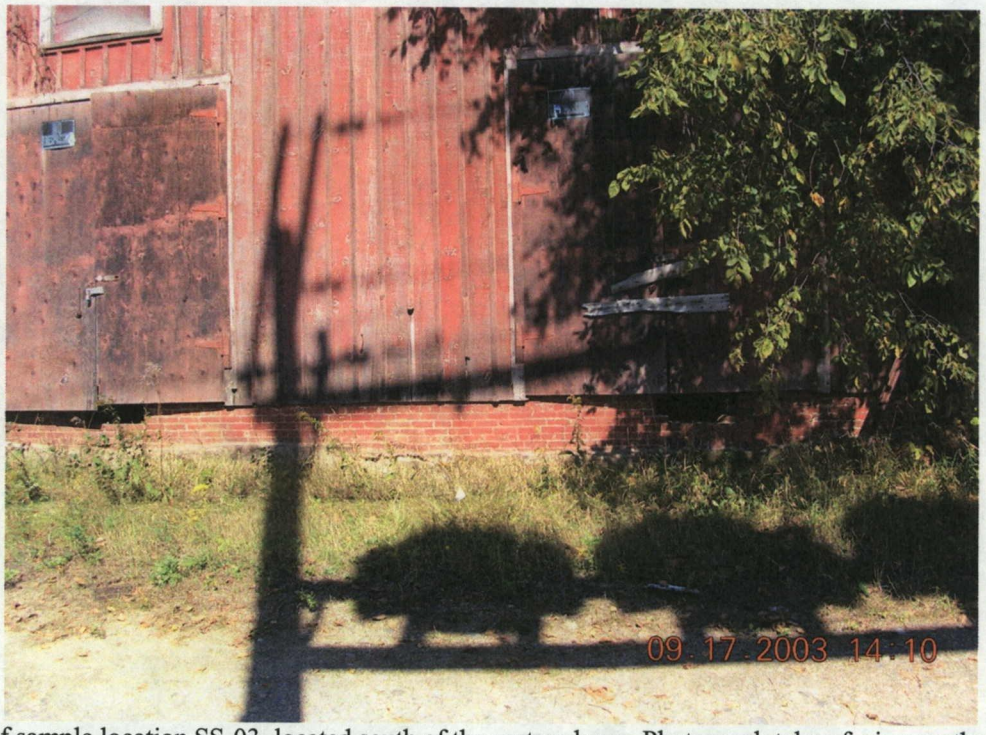
Appendix C

Photodocumentation Log

PHOTOGRAPHY LOG SHEET
2 Canal Street • Lisbon Falls, Maine

SCENE: View of sample location SS-04, located along the southeastern portion of the site. Photograph taken facing southeast.

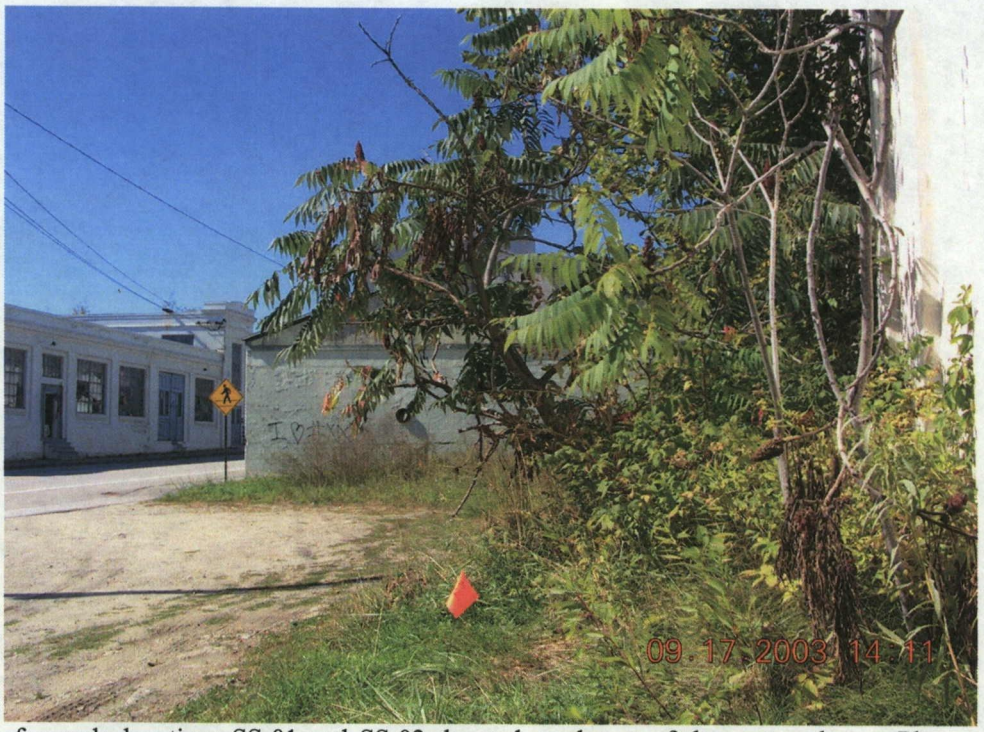
DATE: 17 September 2003
PHOTOGRAPHY BY: Abbey Spargo
TIME: 14:09 hours
CAMERA: Nikon CoolPix 3100



SCENE: View of sample location SS-03, located south of the eastern barn. Photograph taken facing northeast.

DATE: 17 September 2003
PHOTOGRAPHY BY: Abbey Spargo
TIME: 14:10 hours
CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
2 Canal Street • Lisbon Falls, Maine



SCENE: View of sample locations SS-01 and SS-02, located southwest of the eastern barn. Photograph taken facing northwest.

DATE: 17 September 2003
TIME: 14:11 hours
PHOTOGRAPHY BY: John Burton
CAMERA: Nikon CoolPix 3100

SCENE: View of sample location SS-10. Photograph taken facing southeast.

DATE: 17 September 2003
TIME: 14:16 hours
PHOTOGRAPHY BY: John Burton
CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
2 Canal Street • Lisbon Falls, Maine

SCENE: View of sample locations SS-08, located between the office building and the western barn. Photograph taken facing northeast.

DATE: 17 September 2003
PHOTOGRAPHY BY: John Burton
TIME: 14:17 hours
CAMERA: Nikon CoolPix 3100

SCENE: View of sample location SS-09, located adjacent to the south side of the western barn. Photograph taken facing southeast.

DATE: 17 September 2003
PHOTOGRAPHY BY: John Burton
TIME: 14:20 hours
CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
2 Canal Street • Lisbon Falls, Maine

SCENE: View of sample location SS-05, located between the two barns. Photograph taken facing west.

DATE: 17 September 2003 **TIME:** 14:23 hours
PHOTOGRAPHY BY: John Burton **CAMERA:** Nikon CoolPix 3100

SCENE: View of sample locations SS-06 and SS-07, located along the northern perimeter of the eastern barn. Photograph taken facing southeast.

DATE: 17 September 2003 **TIME:** 14:24 hours
PHOTOGRAPHY BY: John Burton **CAMERA:** Nikon CoolPix 3100

Appendix D

Chain-of-Custody Record

EPA USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case: R
Client No: 0631F

Region:	1
Project Code:	
Account Code:	
CERCLIS ID:	
Spill ID:	
Site Name/State:	2 Canal Street/ME
Project Leader:	Mandy Butterworth
Action:	Preliminary Assessment
Sampling Co:	Weston Solutions Inc.

Date Shipped:	9/18/2003
Carrier Name:	FedEx
Airbill:	838392260094
Shipped to:	Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA 98108 (206) 767-5060

Chain of Custody Record

Sampler Signature:

Relinquished By	(Date / Time)	Received By	(Date / Time)
1			
2			
3			
4			

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		QC Type
D11625	Soil (0"-3")	M/G	pest/PCB (14), SemiVOA (21), VOC (14)	202 (Ice Only), 203 (Ice Only), 204 (CH3OH) (3)	SS-01	S: 9/17/2003	13:15	--
D11626	Soil (0"-3")	M/G	pest/PCB (14), SemiVOA (21), VOC (14)	205 (Ice Only), 206 (Ice Only), 207 (CH3OH) (3)	SS-02	S: 9/17/2003	13:15	--
D11627	Soil (0"-3")	M/G	pest/PCB (14), SemiVOA (21), VOC (14)	208 (Ice Only), 209 (Ice Only), 210 (CH3OH) (3)	SS-03	S: 9/17/2003	13:15	--
D11628	Soil (0"-3")	M/G	pest/PCB (14), SemiVOA (21), VOC (14)	211 (Ice Only), 212 (Ice Only), 213 (CH3OH) (3)	SS-04	S: 9/17/2003	13:30	--
D11629	Soil (0"-3")	M/G	pest/PCB (14), SemiVOA (21), VOC (14)	214 (Ice Only), 215 (Ice Only), 216 (Ice Only), 217 (Ice Only), 218 (CH3OH), 219 (CH3OH) (6)	SS-05	S: 9/17/2003	13:28	--
D11630	Soil (0"-3")	M/G	pest/PCB (14), SemiVOA (21), VOC (14)	220 (Ice Only), 221 (Ice Only), 222 (CH3OH) (3)	SS-06	S: 9/17/2003	13:50	--
D11631	Soil (0"-3")	M/G	pest/PCB (14), SemiVOA (21), VOC (14)	223 (Ice Only), 224 (Ice Only), 225 (CH3OH) (3)	SS-07	S: 9/17/2003	13:54	--
D11632	Soil (0"-3")	M/G	pest/PCB (14), SemiVOA (21), VOC (14)	226 (Ice Only), 227 (Ice Only), 228 (CH3OH) (3)	SS-08	S: 9/17/2003	13:37	--
D11633	Soil (0"-3")	M/G	pest/PCB (14), SemiVOA (21), VOC (14)	229 (Ice Only), 230 (Ice Only), 231 (CH3OH) (3)	SS-09	S: 9/17/2003	13:45	--

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:** D11629	**Additional Sampler Signature(s):**	**Chain of Custody Seal Number:**
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

pest/PCB = pest/PCB, SemiVOA = Semivolatile Organic Compound, VOC = VOC

TR Number: 1-560206168-092903-0008

REGION COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case: R
Client No: 0631F

Region:	1	Date Shipped:	9/18/2003	**Chain of Custody Record**	Sampler Signature:
Project Code:		Carrier Name:	FedEx	Relinquished By (Date / Time)	Received By (Date / Time)
Account Code:		Airbill:	838392260094	1	
CERCLIS ID:		Shipped to:	Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA 98108 (206) 767-5060	2	
Spill ID:				3	
Site Name/State:	2 Canal Street/ME			4	
Project Leader:	Mandy Butterworth				
Action:	Preliminary Assessment				
Sampling Co:	Weston Solutions Inc.				

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		QC Type
D11634	Soil (0"-3")	M/G	pest/PCB (14), SemiVOA (21), VOC (14)	232 (Ice Only), 233 (Ice Only), 234 (CH3OH) (3)	SS-10	S: 9/17/2003	13:27	--
D11635	Waste	M/G	SemiVOA (21)	199 (Ice Only) (1)	PR-01	S: 9/17/2003	14:45	--
D11636	PE Water	M/G	VOC (14)	197 (CH3OH) (1)	PE-01 (0015005)	S: 9/17/2003	14:00	PE
D11637	PE Water	M/G	SemiVOA (21)	201 (1)	PE-02 (S02600)	S: 9/17/2003	14:00	PE
D11638	PE Water	M/G	pest/PCB (14)	196 (Ice Only) (1)	PE-03 (0012480)	S: 9/17/2003	14:00	PE
D11639	PE Soil		pest/PCB (14)	236 (Ice Only) (1)	PE-04	S: 9/17/2003	14:00	PE
D11820	Field QC	/G	VOC (14)	235 (CH3OH) (1)	TB-02	S: 9/17/2003	12:00	Trip Blank

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:** D11629	**Additional Sampler Signature(s):**	**Chain of Custody Seal Number:**
Analysis Key:	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G	**Shipment Iced?** _____

pest/PCB = pest/PCB, SemiVOA = Semivolatile Organic Compound, VOC = VOC

TR Number: 1-560206168-092903-0008

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USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case
Client No: 0624F
SDG No:
L

Date Shipped:	9/18/2003
Carrier Name:	FedEx
Airbill:	837122718225
Shipped to:	Sentinel Inc. 116 Washington Street, NE Huntsville AL 35801 (256) 534-9800

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1			
2			
3			
4			

Sampler Signature:

For Lab Use Only
Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		FOR LAB USE ONLY Sample Condition On Receipt
D11625	Soil (0"-3")	M/G	TALMet (14)	162 (Ice Only) (1)	SS-01	S: 9/17/2003	13:15	
D11626	Soil (0"-3")	M/G	TALMet (14)	118 (Ice Only) (1)	SS-02	S: 9/17/2003	13:15	
D11627	Soil (0"-3")	M/G	TALMet (14)	122 (Ice Only) (1)	SS-03	S: 9/17/2003	13:15	
D11628	Soil (0"-3")	M/G	TALMet (14)	126 (Ice Only) (1)	SS-04	S: 9/17/2003	13:30	
D11629	Soil (0"-3")	M/G	TALMet (14)	194 (Ice Only), 195 (Ice Only) (2)	SS-05	S: 9/17/2003	13:28	
D11630	Soil (0"-3")	M/G	TALMet (14)	134 (Ice Only) (1)	SS-06	S: 9/17/2003	13:50	
D11631	Soil (0"-3")	M/G	TALMet (14)	138 (Ice Only) (1)	SS-07	S: 9/17/2003	13:54	
D11632	Soil (0"-3")	M/G	TALMet (14)	142 (Ice Only) (1)	SS-08	S: 9/17/2003	13:37	
D11633	Soil (0"-3")	M/G	TALMet (14)	146 (Ice Only) (1)	SS-09	S: 9/17/2003	13:45	
D11634	Soil (0"-3")	M/G	TALMet (14)	150 (Ice Only) (1)	SS-10	S: 9/17/2003	13:27	

Shipment for Case Complete?	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt:	Chain of Custody Seal Number:	
N	D11629				
Analysis Key: TALMet = TAL Metals	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G		**Custody Seal Intact?** ___	**Shipment Iced?** ___

TR Number: 1-560206168-092903-0007

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

LABORATORY COPY

USEPA Contract Laboratory Program
Generic Chain of Custody

Reference Case
Client No: 0624F
SDG No:

L

Date Shipped:	9/18/2003
Carrier Name:	FedEx
Airbill:	837122718225
Shipped to:	Sentinel Inc. 116 Washington Street, NE Huntsville AL 35801 (256) 534-9800

Chain of Custody Record

Relinquished By	(Date / Time)	Received By	(Date / Time)
1			
2			
3			
4			

Sampler Signature:

For Lab Use Only

Lab Contract No:
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		FOR LAB USE ONLY Sample Condition On Receipt
D11635	Waste	M/G	TALMet (14)	157 (Ice Only) (1)	PR-01	S: 9/17/2003	14:45	
D11640	PE Soil	M/G	TALMet (14)	687 (Ice Only) (1)	PE-05 (MS00624)	S: 9/17/2003	14:00	

Shipment for Case Complete? N	**Sample(s) to be used for laboratory QC:** D11629	**Additional Sampler Signature(s):**	Cooler Temperature Upon Receipt:	**Chain of Custody Seal Number:**
Analysis Key: TALMet = TAL Metals	**Concentration:** L = Low, M = Low/Medium, H = High	**Type/Designate:** Composite = C, Grab = G		**Custody Seal Intact?** ___ **Shipment Iced?** ___

TR Number: 1-560206168-092903-0007

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

LABORATORY COPY

Appendix E

Analytical Data

SITE: 2 CANAL STREET
CASE: 0631F SDG: D11625
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 1
VOLATILE SOIL ANALYSES - MEDIUM LEVEL
NON-VALIDATED DATA
µg/kg

	SAMPLE NUMBER:	D11625	D11626	D11627	D11628	D11629
	SAMPLE LOCATION:	SS-01	SS-02	SS-03	SS-04	SS-05
	LABORATORY NUMBER:	0309269-02	0309269-03	0309269-04	0309269-05	0309269-06
COMPOUND	CRQL					
Dichlorodifluoromethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Chloromethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Vinyl Chloride	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Bromomethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Chloroethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Trichlorofluoromethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloro-1,2,2-trifluoroethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Acetone	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Carbon Disulfide	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Methyl Acetate	1200	32 J	190 J	60 J	1200 U	1200 U
Methylene Chloride	1200	48 J	61 J	67 J	1200 U	1200 U
trans-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Methyl tert-Butyl Ether	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
cis-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
2-Butanone	1200	1200 U	1200 U	1200 U	140 J	85 J
Chloroform	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,1,1-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Cyclohexane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Carbon Tetrachloride	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Benzene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,2-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Trichloroethene	1200	1200 U	1200 U	1200 U	260 J	1200 U
Methylcyclohexane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,2-Dichloropropane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Bromodichloromethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
cis-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
4-Methyl-2-Pentanone	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Toluene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
trans-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Tetrachloroethene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
2-Hexanone	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Dibromochloromethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,2-Dibromoethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Chlorobenzene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Ethylbenzene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Xylene (Total)	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Styrene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Bromoform	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Isopropylbenzene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,1,2,2-Tetrachloroethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,3-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,4-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,2-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,2-Dibromo-3-chloropropane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,2,4-Trichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/17/03	09/17/03	09/17/03	09/17/03	09/17/03
DATE ANALYZED:		09/20/03	09/21/03	09/21/03	09/22/03	09/22/03
% MOISTURE:		5	15	8	7	12

* - Result reported from diluted analysis.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: 2 CANAL STREET
CASE: 0631F SDG: D11625
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 1
VOLATILE SOIL ANALYSES - MEDIUM LEVEL
NON-VALIDATED DATA
µg/L

	SAMPLE NUMBER:	D11630	D11631	D11632	D11633	D11634
	SAMPLE LOCATION:	SS-06	SS-07	SS-08	SS-09	SS-10
	LABORATORY NUMBER:	0309269-07	0309269-08	0309269-01	0309269-09	0309269-10
COMPOUND	CRQL					
Dichlorodifluoromethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Chloromethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Vinyl Chloride	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Bromomethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Chloroethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Trichlorofluoromethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloro-1,2,2-trifluoroethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Acetone	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Carbon Disulfide	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Methyl Acetate	1200	77 J	73 J	310 J	380 J	140 J
Methylene Chloride	1200	29 J	40 J	100 J	1200 U	33 J
trans-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Methyl tert-Butyl Ether	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
cis-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
2-Butanone	1200	89 J	130 J	160 J	120 J	95 J
Chloroform	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,1,1-Trichloroethane	1200	1200 U	73 J	1200 U	1200 U	1200 U
Cyclohexane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Carbon Tetrachloride	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Benzene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,2-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Trichloroethene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Methylcyclohexane	1200	1200 U	44 J	1200 U	1200 U	1200 U
1,2-Dichloropropane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Bromodichloromethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
cis-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
4-Methyl-2-Pentanone	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Toluene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
trans-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Tetrachloroethene	1200	28 J	1200 U	1200 U	1200 U	1200 U
2-Hexanone	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Dibromochloromethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,2-Dibromoethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Chlorobenzene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Ethylbenzene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Xylene (Total)	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Styrene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Bromoform	1200	1200 U	1200 U	1200 U	1200 U	1200 U
Isopropylbenzene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,1,2,2-Tetrachloroethane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,3-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,4-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,2-Dichlorobenzene	1200	1200 U*	1200 U	1200 U	1200 U	1200 U
1,2-Dibromo-3-chloropropane	1200	1200 U	1200 U	1200 U	1200 U	1200 U
1,2,4-Trichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U	1200 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/17/03	09/17/03	09/17/03	09/17/03	09/17/03
	DATE ANALYZED:	09/22/03	09/23/03	09/20/03	09/23/03	09/23/03
	% MOISTURE:	9	12	24	16	9

* - Result reported from diluted analysis.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: 2 CANAL STREET
CASE: 0631F SDG: D11625
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 1
VOLATILE SOIL ANALYSES - MEDIUM LEVEL
NON-VALIDATED DATA
µg/L

SAMPLE NUMBER:	D11820
SAMPLE LOCATION:	TB-02
LABORATORY NUMBER:	0309269-16

COMPOUND	CRQL		
Dichlorodifluoromethane	1200	1200	U
Chloromethane	1200	1200	U
Vinyl Chloride	1200	1200	U
Bromomethane	1200	1200	U
Chloroethane	1200	1200	U
Trichlorofluoromethane	1200	1200	U
1,1-Dichloroethene	1200	1200	U
1,1,2-Trichloro-1,2,2-trifluoroethane	1200	1200	U
Acetone	1200	1200	U
Carbon Disulfide	1200	1200	U
Methyl Acetate	1200	1200	U
Methylene Chloride	1200	160	J
trans-1,2-Dichloroethene	1200	1200	U
Methyl tert-Butyl Ether	1200	1200	U
1,1-Dichloroethane	1200	1200	U
cis-1,2-Dichloroethene	1200	1200	U
2-Butanone	1200	1200	U
Chloroform	1200	1200	U
1,1,1-Trichloroethane	1200	1200	U
Cyclohexane	1200	1200	U
Carbon Tetrachloride	1200	1200	U
Benzene	1200	1200	U
1,2-Dichloroethane	1200	1200	U
Trichloroethene	1200	1200	U
Methylcyclohexane	1200	1200	U
1,2-Dichloropropane	1200	1200	U
Bromodichloromethane	1200	1200	U
cis-1,3-Dichloropropene	1200	1200	U
4-Methyl-2-Pentanone	1200	1200	U
Toluene	1200	1200	U
trans-1,3-Dichloropropene	1200	1200	U
1,1,2-Trichloroethane	1200	1200	U
Tetrachloroethene	1200	1200	U
2-Hexanone	1200	1200	U
Dibromochloromethane	1200	1200	U
1,2-Dibromoethane	1200	1200	U
Chlorobenzene	1200	1200	U
Ethylbenzene	1200	1200	U
Xylene (Total)	1200	1200	U
Styrene	1200	1200	U
Bromoform	1200	1200	U
Isopropylbenzene	1200	1200	U
1,1,2,2-Tetrachloroethane	1200	1200	U
1,3-Dichlorobenzene	1200	1200	U
1,4-Dichlorobenzene	1200	1200	U
1,2-Dichlorobenzene	1200	1200	U
1,2-Dibromo-3-chloropropane	1200	1200	U
1,2,4-Trichlorobenzene	1200	1200	U

DILUTION FACTOR:	1.0
DATE SAMPLED:	09/17/03
DATE ANALYZED:	09/20/03
% MOISTURE:	0

* - Result reported from diluted analysis.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: 2 CANAL STREET
CASE: 0631F SDG: D11625
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 2
SEMIVOLATILE SOIL ANALYSES
NON-VALIDATED DATA
µg/kg

SAMPLE NUMBER:		D11625	D11626	D11627	D11628	D11629	D11630
SAMPLE LOCATION:		SS-01	SS-02	SS-03	SS-04	SS-05	SS-06
LABORATORY NUMBER:		0309269-02	0309269-03	0309269-04	0309269-05	0309269-06	0309269-07
COMPOUND	CRQL						
Benzaldehyde	330	350 U	390 U	1400 U	350 U	380 U	42 J
Phenol	330	350 U	390 U	1400 U	350 U	380 U	360 U
bis(2-Chloroethyl)Ether	330	350 U	390 U	1400 U	350 U	380 U	360 U
2-Chlorophenol	330	350 U	390 U	1400 U	350 U	380 U	360 U
2-Methylphenol	330	350 U	390 U	1400 U	350 U	380 U	360 U
2,2'-oxybis(1-Chloropropane)	330	350 U	390 U	1400 U	350 U	380 U	360 U
Acetophenone	330	350 U	390 U	1400 U	350 U	380 U	360 U
4-Methylphenol	330	350 U	390 U	1400 U	350 U	380 U	360 U
N-Nitroso-di-n-propylamine	330	350 U	390 U	1400 U	350 U	380 U	360 U
Hexachloroethane	330	350 U	390 U	1400 U	350 U	380 U	360 U
Nitrobenzene	330	350 U	390 U	1400 U	350 U	380 U	360 U
Isophorone	330	350 U	390 U	1400 U	350 U	380 U	360 U
2-Nitrophenol	330	350 U	390 U	1400 U	350 U	380 U	360 U
2,4-Dimethylphenol	330	350 U	390 U	1400 U	350 U	380 U	360 U
bis(2-Chloroethoxy)methane	330	350 U	390 U	1400 U	350 U	380 U	360 U
2,4-Dichlorophenol	330	350 U	390 U	1400 U	350 U	380 U	360 U
Naphthalene	330	96 J	370 J	350 J	96 J	280 J	250 J
4-Chloroaniline	330	350 U	390 U	1400 U	350 U	380 U	360 U
Hexachlorobutadiene	330	350 U	390 U	1400 U	350 U	380 U	360 U
Caprolactam	330	350 U	390 U	1400 U	350 U	380 U	360 U
4-Chloro-3-methylphenol	330	350 U	390 U	1400 U	350 U	380 U	360 U
2-Methylnaphthalene	330	52 J	240 J	1400 U	64 J	100 J	100 J
Hexachlorocyclopentadiene	330	350 U	390 U	1400 U	350 U	380 U	360 U
2,4,6-Trichlorophenol	330	350 U	390 U	1400 U	350 U	380 U	360 U
2,4,5-Trichlorophenol	830	870 U	980 U	3600 U	890 U	940 U	910 U
1,1'-Biphenyl	330	350 U	67 J	1400 U	350 U	380 U	37 J
2-Chloronaphthalene	330	350 U	390 U	1400 U	350 U	380 U	360 U
2-Nitroaniline	830	870 U	980 U	3600 U	890 U	940 U	910 U
Dimethylphthalate	330	350 U	390 U	1400 U	350 U	380 U	360 U
2,6-Dinitrotoluene	330	350 U	390 U	1400 U	350 U	380 U	360 U
Acenaphthylene	330	330 J	81 J	500 J	120 J	160 J	140 J
3-Nitroaniline	830	870 U	980 U	3600 U	890 U	940 U	910 U
Acenaphthene	330	49 J	1000	260 J	44 J	200 J	220 J
2,4-Dinitrophenol	830	870 U	980 U	3600 U	890 U	940 U	910 U
4-Nitrophenol	830	870 U	980 U	3600 U	890 U	940 U	910 U
Dibenzofuran	330	48 J	660	250 J	47 J	150 J	200 J
2,4-Dinitrotoluene	330	350 U	390 U	1400 U	350 U	380 U	360 U
Diethylphthalate	330	350 U	390 U	1400 U	350 U	380 U	360 U
Fluorene	330	84 J	810	300 J	58 J	220 J	230 J
4-Chlorophenyl-phenylether	330	350 U	390 U	1400 U	350 U	380 U	360 U
4-Nitroaniline	830	870 U	980 U	3600 U	890 U	940 U	910 U
4,6-Dinitro-2-methylphenol	830	870 U	980 U	3600 U	890 U	940 U	910 U
N-Nitrosodiphenylamine (1)	330	350 U	390 U	1400 U	350 U	380 U	360 U
4-Bromophenyl-phenylether	330	350 U	390 U	1400 U	350 U	380 U	360 U
Hexachlorobenzene	330	350 U	390 U	1400 U	350 U	380 U	360 U
Atrazine	330	350 U	390 U	1400 U	350 U	380 U	360 U
Pentachlorophenol	830	870 U	980 U	3600 U	890 U	940 U	910 U
Phenanthrene	330	820	7000	3700	710	1700	2100
Anthracene	330	230 J	1400	780 J	150 J	520	440 U
Carbazole	330	71 J	860	390 J	61 J	260 J	240 J
Di-n-butylphthalate	330	130 J	180 J	1400 U	350 U	110 J	95 J
Fluoranthene	330	2500	7600	14000	1300	2800	2700
Pyrene	330	2300	6100	12000	1300	2600	2300
Butylbenzylphthalate	330	350 U	390 U	1400 U	350 U	380 U	360 U
3,3'-Dichlorobenzidine	330	350 U	390 U	1400 U	350 U	380 U	360 U
Benzo(a)anthracene	330	1500	2800	6900	580	1800	1000
Chrysene	330	1500	2900	7500	750	1700	1100
bis(2-Ethylhexyl)phthalate	330	220 J	250 J	350 J	55 J	150 J	250 J
Di-n-octylphthalate	330	350 U	390 U	1400 U	350 U	380 U	360 U
Benzo(b)fluoranthene	330	1800	2700	7700	840	1700	1100
Benzo(k)fluoranthene	330	660	1300	3400	400	950	660
Benzo(a)pyrene	330	1400	2400	6000	640	1500	1000
Indeno(1,2,3-cd)pyrene	330	970	1500	4000	420	820	710
Dibenzo(a,h)anthracene	330	320 J	370 J	1300 J	130 J	230 J	180 J
Benzo(g,h,i)perylene	330	1200	1900	4500	510	970	840
DILUTION FACTOR:		1.0	1.0	4.0	1.0	1.0	1.0
DATE SAMPLED:		09/17/03	09/17/03	09/17/03	09/17/03	09/17/03	09/17/03
DATE EXTRACTED:		09/23/03	09/23/03	09/23/03	09/23/03	09/23/03	09/23/03
DATE ANALYZED:		09/24/03	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03
% MOISTURE:		5	15	8	7	12	9

* - Result reported from diluted analysis.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: 2 CANAL STREET
CASE: 0631F SDG: D11625
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 2
SEMIVOLATILE SOIL ANALYSES
NON-VALIDATED DATA
µg/kg

	SAMPLE NUMBER:	D11631	D11632	D11633	D11634	D11635
	SAMPLE LOCATION:	SS-07	SS-08	SS-09	SS-10	PR-01
	LABORATORY NUMBER:	0309269-08	0309269-01	0309269-09	0309269-10	0309269-11
COMPOUND	CRQL					
Benzaldehyde	330	750 U	1700 U	47 J	360 U	240 J
Phenol	330	750 U	480 J	390 U	360 U	740 U
bis(2-Chloroethyl)Ether	330	750 U	1700 U	390 U	360 U	740 U
2-Chlorophenol	330	750 U	1700 U	390 U	360 U	740 U
2-Methylphenol	330	750 U	210 J	390 U	360 U	740 U
2,2'-oxybis(1-Chloropropane)	330	750 U	1700 U	390 U	360 U	740 U
Acetophenone	330	750 U	1700 U	390 U	360 U	740 U
4-Methylphenol	330	91 J	700 J	390 U	360 U	740 U
N-Nitroso-di-n-propylamine	330	750 U	1700 U	390 U	360 U	740 U
Hexachloroethane	330	750 U	1700 U	390 U	360 U	740 U
Nitrobenzene	330	750 U	1700 U	390 U	360 U	740 U
Isophorone	330	750 U	1700 U	390 U	360 U	740 U
2-Nitrophenol	330	750 U	1700 U	390 U	360 U	740 U
2,4-Dimethylphenol	330	750 U	310 J	390 U	360 U	740 U
bis(2-Chloroethoxy)methane	330	750 U	1700 U	390 U	360 U	740 U
2,4-Dichlorophenol	330	750 U	1700 U	390 U	360 U	740 U
Naphthalene	330	620 J	11000	77 J	360 U	740 U
4-Chloroaniline	330	750 U	1700 U	390 U	360 U	740 U
Hexachlorobutadiene	330	750 U	1700 U	390 U	360 U	740 U
Caprolactam	330	750 U	1700 U	390 U	360 U	740 U
4-Chloro-3-methylphenol	330	750 U	1700 U	390 U	360 U	740 U
2-Methylnaphthalene	330	280 J	4300	390 U	360 U	740 U
Hexachlorocyclopentadiene	330	750 U	1700 U	390 U	360 U	740 U
2,4,6-Trichlorophenol	330	750 U	1700 U	390 U	360 U	740 U
2,4,5-Trichlorophenol	830	1900 U	4400 U	990 U	910 U	1900 U
1,1'-Biphenyl	330	94 J	1100 J	390 U	360 U	740 U
2-Chloronaphthalene	330	750 U	1700 U	390 U	360 U	740 U
2-Nitroaniline	830	1900 U	4400 U	990 U	910 U	1900 U
Dimethylphthalate	330	750 U	1700 U	390 U	360 U	740 U
2,6-Dinitrotoluene	330	750 U	1700 U	390 U	360 U	740 U
Acenaphthylene	330	860	3900	140 J	360 U	330 J
3-Nitroaniline	830	1900 U	4400 U	990 U	910 U	1900 U
Acenaphthene	330	530 J	9400	140 J	360 U	740 U
2,4-Dinitrophenol	830	1900 U	4400 U	990 U	910 U	1900 U
4-Nitrophenol	830	1900 U	4400 U	990 U	910 U	1900 U
Dibenzofuran	330	670 J	7900	120 J	360 U	740 U
2,4-Dinitrotoluene	330	750 U	1700 U	390 U	360 U	740 U
Diethylphthalate	330	750 U	200 J	390 U	360 U	740 U
Fluorene	330	960	12000	200 J	360 U	110 J
4-Chlorophenyl-phenylether	330	750 U	1700 U	390 U	360 U	740 U
4-Nitroaniline	830	1900 U	4400 U	990 U	910 U	1900 U
4,6-Dinitro-2-methylphenol	830	1900 U	4400 U	990 U	910 U	1900 U
N-Nitrosodiphenylamine (1)	330	750 U	1700 U	390 U	360 U	740 U
4-Bromophenyl-phenylether	330	750 U	1700 U	390 U	360 U	740 U
Hexachlorobenzene	330	750 U	1700 U	390 U	360 U	740 U
Atrazine	330	750 U	1700 U	390 U	360 U	740 U
Pentachlorophenol	830	1900 U	4400 U	990 U	910 U	1900 U
Phenanthrene	330	9000	55000	1900	310 J	1100
Anthracene	330	2200	21000	380 J	60 J	200 J
Carbazole	330	910	11000	200 J	360 U	84 J
Di-n-butylphthalate	330	120 J	1700 U	120 J	120 J	150 J
Fluoranthene	330	13000	66000	2700	540	1600
Pyrene	330	10000	61000	2200	460	1700
Butylbenzylphthalate	330	750 U	1700 U	390 U	360 U	230 J
3,3'-Dichlorobenzidine	330	750 U	1700 U	390 U	360 U	740 U
Benzo(a)anthracene	330	5700	38000	1100	220 J	800
Chrysene	330	5400	40000	1100	250 J	1300
bis(2-Ethylhexyl)phthalate	330	220 J	540 J	190 J	230 J	2300
Di-n-octylphthalate	330	750 U	1700 U	390 U	360 U	740 U
Benzo(b)fluoranthene	330	5700	32000	1300	310 J	1600
Benzo(k)fluoranthene	330	2900	16000	460	96 J	530 J
Benzo(a)pyrene	330	5200	29000	1000	210 J	1000
Indeno(1,2,3-cd)pyrene	330	3200	19000	630	150 J	1000
Dibenzo(a,h)anthracene	330	1000	6700	160 J	45 J	300 J
Benzo(g,h,i)perylene	330	3600	22000	750	190 J	1300
DILUTION FACTOR:		2.0	4.0	1.0	1.0	2.0
DATE SAMPLED:		09/17/03	09/17/03	09/17/03	09/17/03	09/17/03
DATE EXTRACTED:		09/23/03	09/23/03	09/23/03	09/23/03	09/23/03
DATE ANALYZED:		09/24/03	09/24/03	09/24/03	09/24/03	09/24/03
% MOISTURE:		12	24	16	9	11

* - Result reported from diluted analysis.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: 2 CANAL STREET
CASE: 0631F SDG: D11625
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 3
PESTICIDE/POLYCHLORINATED BIPHENYL SOIL ANALYSES
NON-VALIDATED DATA
µg/kg

SAMPLE NUMBER:		D11625	D11626	D11627	D11628	D11629	D11630
SAMPLE LOCATION:		SS-01	SS-02	SS-03	SS-04	SS-05	SS-06
LABORATORY NUMBER:		0309269-02	0309269-03	0309269-04	0309269-05	0309269-06	0309269-07
COMPOUND	CRQL						
alpha-BHC	1.7	1.8 U	2.0 U	1.8 U	1.8 U	1.9 U	3.7 U
beta-BHC	1.7	1.8 U	2.0 U	1.8 U	1.8 U	1.9 U	3.7 U
delta-BHC	1.7	2.3	1.0 J	1.8 U	3.6	1.9 U	3.7 U
gamma-BHC (Lindane)	1.7	1.8 U	2.0 U	1.8 U	1.8 U	1.9 U	3.7 U
Heptachlor	1.7	2.0	1.8 J	5.2	2.7	1.8 J	2.2 J
Aldrin	1.7	1.8 U	2.0 U	1.8 U	1.8 U	1.9 U	3.7 U
Heptachlor Epoxide	1.7	1.8 U	2.0 U	1.8 U	1.8 U	1.9 U	3.7 U
Endosulfan I	1.7	1.8 U	2.0 U	1.8 U	1.8 U	1.9 U	4.1
Dieldrin	3.3	3.5 U	3.9 U	48	3.5 U	3.8 U	27
4,4'-DDE	3.3	3.5 U	23	3.6 U	3.5 U	3.5 J	44
Endrin	3.3	3.5 U	3.9 U	3.6	3.5 U	3.8 U	4.3 J
Endosulfan II	3.3	3.5 U	3.9 U	3.6 U	3.5 U	3.8 U	7.3 U
4,4'-DDD	3.3	3.5 U	2.1 J	3.6 U	3.5 U	3.8 U	6.5 J
Endosulfan Sulfate	3.3	3.5 U	3.9 U	3.6 U	3.5 U	3.8 U	7.3 U
4,4'-DDT	3.3	9.2	54	69	4.8	21	400
Methoxychlor	17	24	17 J	81	18	14 J	24 J
Endrin Ketone	3.3	5.7	5.3	28	4.5	3.7 J	8.0
Endrin Aldehyde	3.3	3.5 U	3.9 U	3.6 U	3.5 U	3.8 U	7.3 U
alpha-Chlordane	1.7	1.8 U	2.0 U	1.8 U	1.8 U	1.9 U	3.7 U
gamma-Chlordane	1.7	1.8 U	2.0 U	1.8 U	1.8 U	1.9 U	7.4
Toxaphene	170	180 U	200 U	180 U	180 U	190 U	370 U
Aroclor-1016	33	35 U	39 U	36 U	35 U	38 U	73 U
Aroclor-1221	67	71 U	79 U	73 U	72 U	76 U	150 U
Aroclor-1232	33	35 U	39 U	36 U	35 U	38 U	73 U
Aroclor-1242	33	35 U	39 U	36 U	35 U	38 U	73 U
Aroclor-1248	33	35 U	39 U	36 U	35 U	38 U	73 U
Aroclor-1254	33	35 U	76	280	35 U	38 U	73 U
Aroclor-1260	33	35 U	39 U	36 U	35 U	38 U	73 U
DILUTION FACTOR:		1	1	1	1	1	2
DATE SAMPLED:		09/17/03	09/17/03	09/17/03	09/17/03	09/17/03	09/17/03
DATE EXTRACTED:		09/24/03	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03
DATE ANALYZED:		10/06/03	10/06/03	10/06/03	10/06/03	10/06/03	10/14/03
% MOISTURE:		5	15	8	7	12	9

* - RESULT REPORTED FROM DILUTED ANALYSIS.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: 2 CANAL STREET
CASE: 0631F SDG: D11625
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 3
PESTICIDE/POLYCHLORINATED BIPHENYL SOIL ANALYSES
NON-VALIDATED DATA
µg/kg

SAMPLE NUMBER:		D11631	D11632	D11633	D11634
SAMPLE LOCATION:		SS-07	SS-08	SS-09	SS-10
LABORATORY NUMBER:		0309269-08	0309269-01	0309269-09	0309269-10
COMPOUND	CRQL				
alpha-BHC	1.7	1.9 U	4.5 U	2.0 U	1.9 U
beta-BHC	1.7	1.9 U	4.5 U	2.0 U	1.9 U
delta-BHC	1.7	5.5	12	1.7 J	1.9 U
gamma-BHC (Lindane)	1.7	1.9 U	4.5 U	2.0 U	1.9 U
Heptachlor	1.7	5.5	12	2.5	1.9 U
Aldrin	1.7	1.9 U	4.5 U	2.0 U	1.9 U
Heptachlor Epoxide	1.7	1.9 U	4.5 U	2.0 U	1.9 U
Endosulfan I	1.7	1.9 U	4.5 U	2.0 U	1.9 U
Dieldrin	3.3	3.8 U	8.7 U	3.9 U	3.6 U
4,4'-DDE	3.3	5.8	8.7 U	3.6 J	2.5 J
Endrin	3.3	2.9 J	8.7 U	3.9 U	3.6 U
Endosulfan II	3.3	3.8 U	8.7 U	3.9 U	3.6 U
4,4'-DDD	3.3	3.8 U	8.7 U	3.9 U	3.6 U
Endosulfan Sulfate	3.3	3.8 U	8.7 U	3.9 U	3.6 U
4,4'-DDT	3.3	27	68	9.2	10
Methoxychlor	17	92	160	20	19 U
Endrin Ketone	3.3	3.8 U	45	5.6	1.9 J
Endrin Aldehyde	3.3	3.8 U	8.7 U	3.9 U	3.6 U
alpha-Chlordane	1.7	1.9 U	4.5 U	2.0 U	1.9 U
gamma-Chlordane	1.7	1.9 U	4.5 U	2.0 U	1.9 U
Toxaphene	170	190 U	450 U	200 U	190 U
Aroclor-1016	33	38 U	87 U	39 U	36 U
Aroclor-1221	67	76 U	180 U	80 U	74 U
Aroclor-1232	33	38 U	87 U	39 U	36 U
Aroclor-1242	33	38 U	87 U	39 U	36 U
Aroclor-1248	33	38 U	87 U	39 U	36 U
Aroclor-1254	33	38 U	87 U	39 U	36 U
Aroclor-1260	33	38 U	87 U	39 U	36 U
DILUTION FACTOR:		1	2	1	1
DATE SAMPLED:		09/17/03	09/17/03	09/17/03	09/17/03
DATE EXTRACTED:		09/24/03	09/24/03	09/24/03	09/24/03
DATE ANALYZED:		10/06/03	10/14/03	10/07/03	10/07/03
% MOISTURE:		12	24	16	9

* - RESULT REPORTED FROM DILUTED ANALYSIS.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: 2 CANAL STREET
CASE: 0624F SDG: D11625
LABORATORY: SENTINEL, INC.

TABLE 1
INORGANIC SOIL ANALYSES
mg/kg

SAMPLE NUMBER:		D11625	D11626	D11627	D11628	D11629	D11630	D11631
SAMPLE LOCATION:		SS-01	SS-02	SS-03	SS-04	SS-05	SS-06	SS-07
LABORATORY NUMBER:		51469	51470	51471	51472	51473	51474	51475
PERCENT SOLIDS:		94.8	86.3	92.7	94.0	88.2	91.1	85.6
INORGANIC ANALYTES	METHOD	INSTRUMENT DETECTION LIMITS (mg/kg)							CONTRACT DETECTION LIMITS (mg/kg)
ALUMINUM	P	8.5	10600	9310	5680	12500	6810	6180	7070	40
ANTIMONY	P	1.0	1.1 U	1.2 U	1.1 U	1.1 U	1.1 U	1.1 U	1.2 U	12
ARSENIC	P	0.86	8.3	14.6	6.2	14.1	4.2	11.4	13.8	2
BARIUM	P	0.34	35.0	36.6	41.0	89.9	33.6	34.7	68.6	40
BERYLLIUM	P	0.04	0.94	0.30	0.18	0.13	0.29	0.20	0.24	1
CADMIUM	P	0.16	0.17 U	0.19 U	0.17 U	0.17 U	0.18 U	0.40	0.19 U	1
CALCIUM	P	97.7	3700	2990	1830	2840	1690	2830	2150	1000
CHROMIUM	P	0.24	21.2	19.7	20.9	44.2	13.1	21.2	17.8	2
COBALT	P	0.28	6.0	6.8	4.4	10.6	4.7	4.9	5.9	10
COPPER	P	0.32	10.8	20.8	18.2	17.4	15.2	53.7	23.9	5
IRON	P	5.3	11300	10600	11000	18000	9210	10700	12900	20
LEAD	P	0.50	24.6	35.3	413	36.4	57.7	102	60.3	0.6
MAGNESIUM	P	7.2	4120	2790	2430	6800	1980	2300	2850	1000
MANGANESE	P	0.32	165	160	114	230	159	138	200	3
MERCURY	CV	0.05	0.06 J	0.06 U	0.06 J	0.05 U	0.06 U	0.32	0.08 J	0.1
NICKEL	P	0.40	17.5	20.2	15.3	29.2	10.5	29.8	16.0	8
POTASSIUM	P	5.4	3700	1310	1360	5270	1000	1270	2060	1000
SELENIUM	P	0.64	0.68 U	0.74 U	0.82 UJ	0.68 U	0.73 U	0.70 U	0.85 UJ	1
SILVER	P	0.44	0.46 U	0.51 U	0.47 U	0.47 U	0.50 U	1.6	0.51 U	2
SODIUM	P	89.7	389	253	231	189 J	158 J	257	205 J	1000
THALLIUM	P	1.0	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	2
VANADIUM	P	0.28	21.1	20.4	25.9	35.7	18.5	24.4	19.2	10
ZINC	P	2.3	48.6	84.2	103	54.3	37.0	118	70.1	4

ANALYTICAL METHOD
P - ICP
CV - COLD VAPOR

NOTE:
J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.
UJ = VALUE IS NON-DETECTED AND DETECTION LIMIT IS ESTIMATED.
R = VALUE IS REJECTED.
NA = NOT ANALYZED.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: 2 CANAL STREET
CASE: 0624F SDG: D11625
LABORATORY: SENTINEL, INC.

TABLE 1
INORGANIC SOIL ANALYSES
mg/kg

SAMPLE NUMBER:	D11632	D11633	D11634	D11635
SAMPLE LOCATION:	SS-08	SS-09	SS-10	PR-01
LABORATORY NUMBER:	51476	51477	51478	51479
PERCENT SOLIDS:	77.2	83.1	92.4	88.0

INORGANIC ANALYTES	METHOD	INSTRUMENT DETECTION LIMITS (mg/kg)					CONTRACT DETECTION LIMITS (mg/kg)
ALUMINUM	P	8.5	10200	10900	7520	38300	40
ANTIMONY	P	1.0	1.3 U	1.2 U	1.1 U	1.1 U	12
ARSENIC	P	0.86	19.6	8.2	8.4	16.2	2
BARIUM	P	0.34	95.4	42.2	35.7	93.4	40
BERYLLIUM	P	0.04	0.50	0.36	0.26	0.82	1
CADMIUM	P	0.16	0.61	0.19 U	0.17 U	4.5 J	1
CALCIUM	P	97.7	3300	3820	1910	14100	1000
CHROMIUM	P	0.24	29.6	19.5	16.7	300	2
COBALT	P	0.28	8.5	6.4	5.9	17.7	10
COPPER	P	0.32	41.4	13.8	11.8	114	5
IRON	P	5.3	16800	10900	9460	56100	20
LEAD	P	0.50	523	263	77.2	383	0.6
MAGNESIUM	P	7.2	3110	3080	2480	4390	1000
MANGANESE	P	0.32	263	115	132	613	3
MERCURY	CV	0.05	0.51	0.06 U	0.05 U	4.9	0.1
NICKEL	P	0.40	21.6	18.1	16.8	34.3	8
POTASSIUM	P	5.4	2030	2230	1310	11300	1000
SELENIUM	P	0.64	1.6 U	0.77 U	0.69 U	2.8 U	1
SILVER	P	0.44	0.57 U	0.53 U	0.48 U	0.50 UJ	2
SODIUM	P	89.7	329	323	180 J	10300	1000
THALLIUM	P	1.0	1.3 U	1.3 U	1.1 U	1.2 U	2
VANADIUM	P	0.28	41.3	31.9	24.0	104	10
ZINC	P	2.3	200	59.1	44.8	418	4

ANALYTICAL METHOD
P - ICP
CV - COLD VAPOR

NOTE:
J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED IN THE QUALITY CONTROL REVIEW (DATA REVIEW).
U = VALUE IS NON-DETECTED.
UJ = VALUE IS NON-DETECTED AND DETECTION LIMIT IS ESTIMATED.
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NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.